

SECRET

74-6256

DCI/IC 74-2377

X Ref -

USIB-D-32.1/25
15 Nov 74

NOV 1974

MEMORANDUM FOR: Chairman, USIB Joint Atomic Energy Intelligence Committee (JAEIC)

SUBJECT : Letter of Instruction

1. The purpose of this letter is to identify the problems which I expect the JAEIC to address and the tasks which JAEIC should accomplish in FY 1975 in support of my Intelligence Community responsibilities. In addition, you should be mindful of the "Guidance Applicable to all USIB Committee Chairmen" as set forth in my memorandum of 4 September on this subject.

2. The statement of duties as set forth in DCID continues to apply, but specifically I instruct you to:

a. Develop in advance of an operational threshold test ban treaty the data and analytical techniques which will improve the accuracy of yield determination and which will provide a basis for assessing the validity of Soviet disclosures required by the treaty. I will expect a progress report on this task by 31 March.

b. Determine what additional intelligence assets would be required to provide higher degrees of confidence than now exist in the ability of "US national means" to detect significant Soviet violations of the TTBT and a FNET and associate costs and necessary lead times with each achievable level of confidence. Your report should be available to me by 30 April 1975.

U-2.1

25X

SECRET

SECRET

c. Assess the vulnerabilities of foreign nuclear industries to the theft or diversion of fissionable or radioactive materials by terrorist organizations or individuals. This could be either separate memoranda on individuals on countries or an overall study. Whichever course is followed, the assessment should be completed by 30 June 1975.

3. The continuing program of the JAEIC should also include the following:

a. Continue to monitor, and to report annually on, the extent of Soviet compliance with the Limited Test Ban Treaty. Critically review the capability of US intelligence resources to reflect potential Soviet violations of that treaty and recommend measures to maintain or to improve, within assigned resource levels, the ability to accomplish the monitoring task.

b. Encourage the development of departmental or national assets capable of rapid and positive identification of the movement of nuclear weapons into areas, such as the Middle East, where Soviet nuclear capable ground or air forces are not normally deployed. On this subject, provide me as soon as feasible a brief summation which assesses existing US capability to accomplish such identification and identifies plans and programs underway or projected to improve this capability.

c. Coordinate Community collection and evaluation activities to better anticipate when and where additional countries are likely to detonate nuclear explosives. Provide direction to the [redacted] as one contribution toward that objective.

25X

d. Conduct periodic critical reviews of sensor research and development programs to determine compatibility with informational needs and to assure the cost effectiveness of those which are likely to become operational.

e. Conduct periodic critical reviews of operational technical intelligence collection systems directed primarily at AE targets to determine compatibility with information needs and to insure they are cost competitive and cost effective. Recommend means for improving their responsiveness to highest priority nuclear intelligence requirements.

SECRET

SECRET

83

f. Assure that JAEIC is prepared to assist with the assessment of the degree and character of the risk associated with the introduction of nuclear materials or weapons into foreign countries by terrorist organizations.

/s/ W. E. Colby

W. E. Colby

X1 DCI/IC [] (8 Nov 74)

Distribution:

- 1 - Addee
- 1 - DCI
- 1 - DDCI
- ✓ 1 - ER
- 1 - D/DCI/IC
- 1 - A/D/DCI/IC
- 1 - IC Reg
- 1 - CS Subj
- 1 - CS Chrono
- 1 - [] Chrono

SECRET

25X1

Approved For Release 2005/03/16 : CIA-RDP80M01048A000400160001-2

Next 2 Page(s) In Document Exempt

Approved For Release 2005/03/16 : CIA-RDP80M01048A000400160001-2